

## Agriculture Hose

### Ag Master™ Spray 600 Formerly - Thermo AG™ 570



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Color	Hose I.D.	Hose O.D.	Max. W.P.*	Vac.*	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Stock or MTO (ft)	Gates Item No.			
	(in)	(mm)										(in)	(mm)	(psi)
Yellow	3/8	9.5	.67	17.0	600	41.4	25.0	4.0	.12	300	PLT	T	Stock	4465-1701
Yellow	3/8	9.5	.67	17.0	600	41.4	25.0	4.0	.12	400	PLT	T	Stock	4465-1702
Yellow	1/2	12.7	.81	20.6	600	41.4	25.0	5.0	.17	300	PLT	T	Stock	4465-1704
Yellow	1/2	12.7	.81	20.6	600	41.4	25.0	5.0	.17	400	PLT	T	Stock	4465-1705
Yellow	3/4	19.1	1.08	27.4	600	41.4	25.0	6.0	.27	300	PLT	T	Stock	4465-1706

NOTE: \* Working Pressure and Vacuum at +72°F (+22°C).

**RECOMMENDED FOR:** Spraying lawns, trees and similar applications with diluted solutions of water and oil based pesticides and herbicides.

**CAUTION:** For pesticides or herbicides containing more than 2% Toluene or Xylene, use Gates Chem Master™ Paint Spray. Maximum temperature dependent on pesticide, herbicide or chemicals conveyed. For temperatures above +120°F (+49°C), contact Denver Product Application (303) 744-5070.

**TEMPERATURE:** -10°F to +130°F (-23°C to +55°C).

**CONSTRUCTION:**  
**Tube:** Type G (PVC). Yellow.  
**Reinforcement:** Synthetic, high tensile textile cord.  
**Cover:** Type G (PVC). Yellow. Striated.  
**Design Factor:** 3:1

**COUPLINGS:** 8, 14 or 15, 21 (multiple clamps required), 48, 72 Gates Power Crimp® or 75 Gates GLX® couplings. Reference the Hose Coupling Section.

## Agriculture Hose

### Ag Master™ Spray 800

Formerly - Thermo AG™ 800



Color	Hose I.D.		Hose O.D.		Max. W.P.*		Vac.*	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Stock or MTO	Gates Item No.
	(in)		(mm)		(in)								(mm)	
Green	3/8	9.5	.69	17.5	800	55.2	25.0	4.0	.14	300	PLT	T	Stock	4465-1361
Green	3/8	9.5	.69	17.5	800	55.2	25.0	4.0	.14	400	PLT	T	MTO	4465-1362
Green	1/2	12.7	.84	21.3	800	55.2	25.0	5.0	.18	300	PLT	T	Stock	4465-1371
Green	1/2	12.7	.84	21.3	800	55.2	25.0	5.0	.18	400	PLT	T	MTO	4465-1372
Green	3/4	19.1	1.14	29.0	800	55.2	25.0	6.0	.30	300	PLT	T	Stock	4465-1381
Green	3/4	19.1	1.14	29.0	800	55.2	25.0	6.0	.30	400	PLT	T	Stock	4465-1382

NOTE: \* Working Pressure and Vacuum at +72°F (+22°C).

**RECOMMENDED FOR:** Spraying lawns, trees and similar applications with diluted solutions of water and oil based pesticides and herbicides.

**CAUTION:** For pesticides or herbicides containing more than 2% Toluene or Xylene, use Gates Chem Master™ Paint Spray. Maximum temperature dependent on pesticide, herbicide or chemicals conveyed. For temperatures above +120°F (+49°C), contact Denver Product Application (303) 744-5070.

**TEMPERATURE:** -10°F to +130°F (-23°C to +55°C).

**CONSTRUCTION:**  
**Tube:** Type G (PVC). Green.  
**Reinforcement:** Synthetic, high tensile textile cord.  
**Cover:** Type G (PVC). Green. Striated.  
**Design Factor:** 3:1

**COUPLINGS:** 8, 14 or 15, 21 (multiple clamps required), 48, 72 Gates Power Crimp®, 75 Gates GLX® or 82 Gates SS couplings. Reference the Hose Coupling Section.

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## Agriculture Hose

### Ag Master™ (200-250)



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Color	Hose I.D.		Hose O.D.		Max. W.P.		Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Stock or MTO	Gates Item No.
	(in)	(mm)	(in)	(mm)	(psi)	(Bar)								
Black	1/4	6.4	.50	12.7	200	13.8	30.0	3.0	.09	600	Reel	J	Stock	3204-1079
Black	3/8	9.5	.66	16.8	200	13.8	30.0	3.0	.00	600	Reel	J	Stock	3204-1080
Black	1/2	12.7	.81	20.6	200	13.8	30.0	5.0	.19	600	Reel	J	Stock	3204-1081
Black	5/8	15.9	.97	24.6	200	13.8	30.0	6.0	.26	600	Reel	J	Stock	3204-1082
Black	3/4	19.1	1.15	29.2	200	13.8	30.0	6.0	.32	600	Reel	J	Stock	3204-1083
Black	1	25.4	1.40	35.6	200	13.8	30.0	8.0	.44	350	Reel	XX	Stock	3204-1084
Black	1 1/4	31.8	1.73	43.9	250	17.2	30.0	10.0	.68	300	Reel	XX	Stock	3204-1085
Black	1 1/2	38.1	1.98	50.3	250	17.2	30.0	12.0	.79	250	Reel	XX	Stock	3204-1086

NOTE: Pressure ratings can only be obtained with proper coupling procedures.

**RECOMMENDED FOR:** Designed for agricultural spraying applications, such as dilute solutions of herbicides and fertilizers. Can also be used for air and water applications requiring maximum flexibility in the agriculture industry. Outstanding resistance to heat and ozone.

**TEMPERATURE:** -40°F to +200°F (-40°C to +93°C) continuous service.

**CONSTRUCTION:**  
**Tube:** Type P (EPDM). Black.  
**Reinforcement:** Synthetic, high tensile textile cord.  
**Cover:** Type P (EPDM). Black. All sizes through 1/2" are perforated.

**COUPLINGS:** 19 (up through 1/2" only), 1, 3 or 4, (up through 1/2" with 20 brass ferrules, up through 1" with bands), or 75 Gates GLX®. Reference the Hose Coupling Section.

**STANDARDS:**  
**Tube:** ARPM (Class C) Limited oil-resistance.  
**Cover:** ARPM (Class C) Limited oil-resistance.

## Agriculture Hose

### Ag Master™ Solution 150SD Formerly - Barracuda®



Color	Hose I.D.		Hose O.D.		Max. W.P.		Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Stock or MTO	Gates Item No.
	(in)	(mm)	(in)	(mm)	(psi)	(Bar)	(In. Hg)	(in)	(Lbs.)	(ft)			(ft)	
Black	1 1/4	31.8	1.61	40.9	150	10.3	30.0	5.0	.53	100	100	T	Stock	4686-0068
Black	1 1/2	38.1	1.86	47.2	150	10.3	30.0	6.0	.60	100	100	T	Stock	4686-0069
Black	2	50.8	2.36	59.9	150	10.3	30.0	8.0	.79	100	100	T	Stock	4686-0071
Black	2 1/2	63.5	2.96	75.2	150	10.3	30.0	10.0	1.38	100	100	T	Stock	4686-0070
Black	3	76.2	3.54	89.9	150	10.3	30.0	14.0	1.82	100	100	T	Stock	4686-0072
Black	4	101.6	4.54	115.3	150	10.3	30.0	18.0	2.55	100	100	T	Stock	4686-0073

**RECOMMENDED FOR:** Medium to light-duty water suction/discharge for agricultural, construction and industrial applications. The EPDM tube is specially compounded to handle mild chemicals and a variety of solutions including Lasso\*, Lasso II\* and Freedom\*. (\*Registered Trademarks of Monsanto)

**TEMPERATURE:** -40°F to +180°F (-40°C to +82°C).

**CONSTRUCTION:** **Tube:** Type P (EPDM). Black.  
**Reinforcement:** Synthetic, high tensile textile with steel wire helix.  
**Cover:** Type P (EPDM). Black with green stripe.  
**Design Factor:** 3:1

**COUPLINGS:** 5, 6, 7, 8, 49 or 78 all sizes. Reference the Hose Coupling Section.

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### Ag Master™ PVC XTreme™ (90-100) SD



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Color	Hose I.D.		Hose O.D.		Max. W.P.*		Vac.*	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Stock or MTO (ft)	Gates Item No.
	(in)	(mm)	(in)	(mm)	(psi)	(Bar)								
Black	1 1/4	31.8	1.75	44.5	100	6.9	30.0	3.0	.45	100	PLT	T	Stock	7744-1500
Black	1 1/2	38.1	1.97	50.0	100	6.9	30.0	3.0	.50	100	PLT	T	Stock	7744-1501
Black	2	50.8	2.54	64.5	100	6.9	30.0	5.0	.73	100	PLT	T	Stock	7744-1502
Black	3	76.2	3.64	92.5	90	6.2	30.0	7.0	1.25	100	PLT	T	Stock	7744-1503

NOTE: \* Working Pressure and Vacuum at +72°F (+22°C).

**RECOMMENDED FOR:** Heavy-duty suction and discharge of liquids in the construction, rental, and agricultural industries. Excellent for agricultural chemicals, liquid fertilizers, and dewatering. Rated for both suction and discharge.

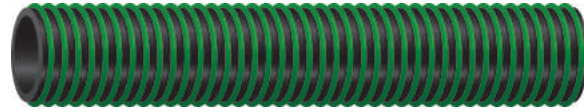
**TEMPERATURE:** -40°F to +140°F (-40°C to +66°C) continuous service.




**CONSTRUCTION:**  
**Tube:** Type P (EPDM). Black with polyethylene helix.  
**Reinforcement:** Textile braid.  
**Cover:** Type P (EPDM). Black with polyethylene helix.

**COUPLINGS:** 1, 6, 7, 49 or 78. Reference the Hose Coupling Section.

## Agriculture Hose

### Ag Master™ PVC Solution (35-80) SD Formerly - Master-Flex® 300 EPDM



Color	Hose I.D.		Hose O.D.		Max. W.P.*		Vac.*	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Stock or MTO	Gates Item No.
	(in)	(mm)	(in)	(mm)	(psi)	(Bar)	(In. Hg)	(in)	(Lbs.)	(ft)			(ft)	
Black	1	25.4	1.34	34.0	80	5.5	28.0	4.0	.23	100	PLT	T	Stock	7744-5201
Black	1 1/4	31.8	1.61	40.9	70	4.8	28.0	5.0	.30	100	PLT	T	Stock	7744-5202
Black	1 1/2	38.1	1.96	49.8	60	4.1	28.0	6.0	.49	100	PLT	T	Stock	7744-5203
Black	2	50.8	2.49	63.2	60	4.1	28.0	9.0	.69	100	PLT	T	Stock	7744-5204
Black	2 1/2	63.5	3.00	76.2	50	3.4	28.0	11.0	.91	100	PLT	T	Stock	7744-5205
Black	3	76.2	3.60	91.4	50	3.4	28.0	12.0	1.10	100	PLT	T	Stock	7744-5206
Black	4	101.6	4.69	119.1	45	3.1	28.0	17.0	1.80	100	PLT	T	Stock	7744-5207
Black	6	152.4	6.86	174.2	35	2.4	28.0	27.0	3.10	100	PLT	T	Stock	7744-5208

NOTE: \* Working Pressure and Vacuum at +72°F (+22°C).

**RECOMMENDED FOR:** Suction and discharge applications where lightweight, flexible hose is needed for transferring mild diluted chemicals and agricultural spray and fertilizer applications. Good for septic service and transferring light abrasives. Reference Gates Chemical Resistance Table.

**TEMPERATURE:** -30°F to +140°F (-34°C to +60°C) continuous service.

**CONSTRUCTION:** **Tube:** Type P (EPDM). Black.  
**Reinforcement:** Polyethylene helix. Green.  
**Cover:** Type G (PVC). Black with green helix. Corrugated.  
**Design Factor:** 3:1

**COUPLINGS:** 1, 6, 7, 49 or 78. Reference the Hose Coupling Section.

**STANDARDS:** **Tube:** ARPM (Class B) Medium oil-resistance.

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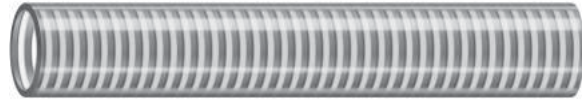
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### Ag Master™ PVC Solution (30-90) SD Clear

Formerly - Master-Flex® 101CL



#### Smooth Cover

Color	Hose I.D.		Hose O.D.		Max. W.P.*		Vac.*	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Stock or MTO (ft)	Gates Item No.
	(in)		(mm)		(in)									
Clear	1	25.4	1.27	32.3	90	6.2	28.0	3.0	.27	100	PLT	T	Stock	7744-2101
Clear	1 1/4	31.8	1.53	38.9	90	6.2	28.0	4.0	.34	100	PLT	T	MTO	7744-2102
Clear	1 1/2	38.1	1.82	46.2	90	6.2	28.0	5.0	.47	100	PLT	T	Stock	7744-2103
Clear	2	50.8	2.36	59.9	70	4.8	28.0	6.0	.66	100	PLT	T	Stock	7744-2104
Clear	2 1/2	63.5	2.90	73.7	65	4.5	28.0	8.0	.95	100	PLT	T	MTO	7744-2105
Clear	3	76.2	3.44	87.4	55	3.8	28.0	9.0	1.25	100	PLT	T	Stock	7744-2106
Clear	4	101.6	4.52	114.8	50	3.4	28.0	13.0	1.94	100	PLT	T	MTO	7744-2107
Clear	5	127.0	5.65	143.5	45	3.1	28.0	21.0	3.09	100	PLT	T	MTO	7744-2108
Clear	6	152.4	6.80	172.7	45	3.1	28.0	24.0	4.56	100	PLT	T	Stock	7744-2109

NOTE: \* Working Pressure and Vacuum at +72°F (+22°C).

#### Corrugated Cover

Color	Hose I.D.		Hose O.D.		Max. W.P.*		Vac.*	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Stock or MTO (ft)	Gates Item No.
	(in)		(mm)		(in)									
Clear	1	25.4	1.26	32.0	35	2.4	28.0	2.0	.14	100	PLT	T	Stock	7744-0000
Clear	1 1/4	31.8	1.61	40.9	50	3.4	28.0	3.0	.31	100	PLT	T	Stock	7744-0015
Clear	1 1/2	38.1	1.86	47.2	50	3.4	28.0	3.0	.37	100	PLT	T	Stock	7744-0008
Clear	2	50.8	2.44	62.0	40	2.8	28.0	4.0	.57	100	PLT	T	Stock	7744-0009
Clear	3	76.2	3.54	89.9	35	2.4	28.0	6.0	1.04	100	PLT	T	Stock	7744-0011
Clear	4	101.6	4.65	118.1	35	2.4	28.0	8.0	1.65	100	PLT	T	Stock	7744-0012
Clear	5	127.0	5.73	145.5	30	2.1	28.0	11.0	2.34	100	PLT	T	Stock	7744-0013
Clear	6	152.4	6.98	177.3	35	2.4	28.0	15.0	4.08	100	PLT	T	Stock	7744-0014

NOTE: \* Working Pressure and Vacuum at +72°F (+22°C).

**RECOMMENDED FOR:** Conveying water and light chemical solutions where a clear PVC hose with a white helix is desirable for heavy-duty applications.

**TEMPERATURE:** -10°F to +130°F (-23°C to +55°C) continuous service.

**CONSTRUCTION:** **Tube:** Type G (PVC). Clear. Smooth.  
**Reinforcement:** Rigid thermoplastic helix.  
**Design Factor:** 3:1

**COUPLINGS:** 1, 6, 7, 49 or 78 all sizes. Reference the Hose Coupling Section.

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